

## SEQUENCE LISTING

<110> Daiichi Fine Chemical Co., Ltd.

<120> Novel plasmids and their uses

<130> FP04-0397

<150> JP 2003-373476

<151> 2003-10-31

<160> 100

<170> PatentIn version 3.1

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<212> DNA

<213> Rhodococcus erythropolis

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<223> 202bp to 480bp pRET1100

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gagtacgaaa gatatgcgag agccatcgag tcttcggatc tgcgtttct cggccaccctc 180

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tga 243

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<213> Rhodococcus erythropolis

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<223> 337bp to 480bp pRET1100

<400> 3

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cggtcgcttc ggagtgggga aggacccaca tacacacgga tcggtgacca gatacgcgtt 240  
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<223> 862bp to 2409bp pRET1100

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<213> Rhodococcus erythropolis  
  
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<213> Rhodococcus erythropolis

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<223> 1462bp to 2409bp pRET1100

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948

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<213> Rhodococcus erythropolis

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gaagctccaa ggcgtggatt	gaagttcgt	ccgtggctt ctgcgggtg	ggccgacgctc 180
gtagatcatc cggaccccaa	ggaaaaagaa	aagcacgtca gtgcggcac	tggagtggac 240

tacgcggagg gcacgcgagg gtcagatccg aaaaggctt cggtgtactt ctccaagcat 300  
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aagatctggg accccgctt acgaggcggt agcggcgcc acagatggac taaggcgatg 540  
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aagacgcgga aggttcgggc gccagtgaag aggttgtcc ggacttcggg atacctgtgt 660  
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<212> DNA  
<213> Rhodococcus erythropolis

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gtcaatgacg ggccgcact ggctcgaacc ctcagccgtc ttctgtacaag ctgcctgagc 180  
tag 183

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<213> Rhodococcus erythropolis

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ccatttcaag agctcagcat catgccgcag cttccgcgag tctcctgcct tcccatgagg 180  
agggaccatg tacaggtgaa aatgcggagc gcctcggtt tggaactcca tttccacgc 240  
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tttgcacctca ggcgcgggtgg gggcaaccgt aagccagtcc cccggatagg tgagggtcac 360  
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<213> Rhodococcus erythropolis  
  
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<223> 1734bp to 1444bp pRET1100

<400> 18  
atgcgcgcgc ttccgcgagt ctccgcctt cccatgagga gggaccatgt acaggtgaaa 60  
atgcggagcg cctcggttt ggaactccat ttccacgc a cccatccagg caatgcggca 120  
ggcccggtgg aaccgttga agaacgtctg gagatgtttt ttgaccttag cgccgggtgg 180  
ggcaaccgt a agccagtccc cccggatagg gagggtcacc atgcagggaa tgcccgca 240  
atccatcatg ggagcccgagt cgagttctgc cattcgcaag atcatccgtg a 291

<210> 19  
<211> 258  
<212> DNA  
<213> Rhodococcus erythropolis  
  
<220>  
<221> misc\_feature  
<223> 1701bp to 1444bp pRET1100

<400> 19  
atgaggagg accatgtaca ggtaaaaatg cggagcgccct cgggtttggaa actccatttt 60  
ccacgcaccc atccaggcaaa tgcccccaggc cgggtggaaac cgtttaaga acgtctggag 120  
atgttttttgc acctcagcgcc cgggtggggc aaccgttaa c cgtccccccg gataggtgag 180  
ggtcaccatc gcaggaaatgc cccggcaaaatc catcatggaa gcccagtctgaa gttctggcat 240  
tcgcaagatc atccgtga 258

<210> 20  
<211> 231  
<212> DNA  
<213> Rhodococcus erythropolis  
  
<220>  
<221> misc\_feature  
<223> 1674bp to 1444bp pRET1100

<400> 20  
atgcggagcg cctcggtttt ggaactccat ttccacgc a cccatccagg caatgcggca 60  
ggcccggtgg aaccgttga agaacgtctg gagatgtttt ttgaccttag cgccgggtgg 120  
ggcaaccgt a agccagtccc cccggatagg gagggtcacc atgcagggaa tgcccgca 180  
atccatcatg ggagcccgagt cgagttctgc cattcgcaag atcatccgtg a 231

<210> 21  
 <211> 138  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 1581bp to 1444bp pRET1100

<400> 21  
 atgtttttg acctcagcgc cgggtggggc aaccgtaaac cagtccccc gataggtag 60  
 ggtcaccatc gcaggaaatgc cccgcaaatc catcatggga gcccagtcga gttctccat 120  
 tcgcaagatc atccgtga 138

<210> 22  
 <211> 423  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2828bp to 2406bp pRET1100

<400> 22  
 atgggtggag ggcaaacatc ccaatacgct tcagttatga atgaagacag agacaacatc 60  
 atcgccagg tccgcgtcg aatgctccgc tcaatcgagg atgcaattca tttagccca 120  
 ctctccgcga acgacgaaaa ccgttatgcc gcaacagaag acaatcgacc cgtgcggaca 180  
 caactatcgca aacaacagca ggttgcctg accgagctga cattggccga ccacatggaa 240  
 aagctcgcc gggagcacct cgtttaccta gccgacagag cgccggagat gaattgcacc 300  
 tgggttagaga tagtgcgtc gtgggtctc tctccccacg gagcgcagca ggcgcatacacc 360  
 agaagccgccc caaaacccgc catccagcaa aagacaaacg cggaaaggcgt tccgcgcgtc 420  
 tag 423

<210> 23  
 <211> 387  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2792bp to 2406bp pRET1100

<400> 23  
 atgaatgaag acagagacaa catcatcgcc aggttccgcg tcgaaatgtc ccgctcaatc 60  
 gaggatgcaa ttcatttgc cgcactctcc gcaacgacg aaaaccgtta tgccgcaaca 120  
 gaagacaatc gacccgtcg gacacaacta tcgcaacaac agcagggtgt cctgaccgag 180  
 ctgacattgg ccgaccacat ggaaaagctc ggcgggagc acctcggtta cctagccgac 240  
 agagcgcggg agatgaattt cacctggta gagataggtc agtcgttggg tctcttccc 300  
 cacggagcgcg acgacgcgtc caccagaacg cgccaaac ccgcacatcca gcaaaagaca 360  
 aagccgaaag gcgttccgcg cgtctag 387

<210> 24

<211> 342  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2747bp to 2406bp pRET1100

<400> 24  
 atgctccgtt caatcgagga tgcaattcat ttagccgcac tctccgcgaa cgacgaaaac 60  
 cgttatgcgg caacagaaga caatcgaccg gtgcggacac aactatcgc acaacagcag 120  
 gttgtcctga ccgagctgac attggccgac cacatggaaa agctcgcgcg ggagcacctc 180  
 gtttacctag ccgacagagc gcgggagatg aattgcacctt gggtagagat aggtcagtgc 240  
 ttgggtctct ctccccacgg agcgcagcag cgcatcacca gaagccgcgg aaaaccgc 300  
 atccagcaaa agacaaagcc gaaaggcggtt ccgcgcgtct ag 342

<210> 25  
 <211> 189  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2594bp to 2406bp pRET1100

<400> 25  
 atggaaaaagc tcgcgcggga gcacctcggt tacctagccg acagagcgcg ggagatgaat 60  
 tgcacccctggg tagagatagg tcagtcgttg ggtctctc cccacggagc gcagcagcgc 120  
 atcaccagaa gccgcggccaaa acccgccatc cagaaaaaga caaagccgaa aggcgttccg 180  
 cgcgctctag 189

<210> 26  
 <211> 135  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2540bp to 2406bp pRET1100

<400> 26  
 atgaattgca cctgggtaga gataggtcg tcgttgggtc tctctccca cggagcgcag 60  
 cagcgccatca ccagaagccg cccaaaaaccg gccatccagc aaaagacaaa gcccggaaaggc 120  
 gttccgcgcg tctag 135

<210> 27  
 <211> 336  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2971bp to 3306bp pRET1100

<400> 27  
 atggcttta aagctgctgg caacgtgatt cctgattctt ccgcgtacga gtaccggcgc 60  
 gttcaggctcg agccgaagat ggtcagaaaa gaccggaaag acccgaaactc tgagcagtcc 120

cagaaggcaga aggacggcac gccgggtgtgg tcgatcgact gcattcggtt cgaccggca 180  
tcaggcaaca aggcaatcggt gaccgtgacg gttccggacg tcatggaaacc ggatgttgac 240  
ggccgggtgg agttctccga gatgattgcc ggtttctggg ttccgcgcag tggttcggc 300  
atgtggtttt cggcaagcgc cgtcgcttct ctctga 336

<210> 28  
<211> 258  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3049bp to 3306bp pRET1100

<400> 28  
atggtcagaa aagaccggaa agacccgaac tctgagcagt tccagaagca gaaggacggc 60  
acggccggtgt ggtcgatcga ctgcattcgg gtcgaccggg catcaggcaa caaggcaatc 120  
gtgaccgtga cgggtccgga cgtgatggaa ccggatgtt cggggccgtt ggagttctcc 180  
gagatgattt cgggtttctg ggttcgcgc agtgggtogg gcatgtggtt ttccggcaagc 240  
gccgtcgctt ctctctga 258

<210> 29  
<211> 525  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3577bp to 3053bp pRET1100

<400> 29  
atgtcgatgt actgcccctcc gtcgtacggc cccagtcgtt cggagagag aacgaggcac 60  
ccggcaacgt ccgagaacac cccgtttcc cacttcggat cggccggcac ttcagcggc 120  
acagcttcgg actgtgaacg atcaactgaac acgttcgcgc cttgcacacc tgccgcaacc 180  
agcacaaaaca cgagcacgag ggcacccaca cccagcgcac cgcctttcc ttggacatt 240  
tccgaacctt tcgagggcgc acgtacggatc atcagagaga agcgacggcg ttggccaaa 300  
accacatgcc cgaaccactg cgcggaaaccc agaaaccggc aatcatctcg gagaactcca 360  
ccggccccgc aacatccgtt tccatcacgt cggaaaccgt cacggtaacg attgccttgt 420  
tgcctgatgc cgggtcgacc cgaatgcgtt cgtacgcacca caccggcgtt ccgtccttct 480  
gtttctggaa ctgctcagag ttccgggttcc cgggttctt tctga 525

<210> 30  
<211> 519  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3571bp to 3053bp pRET1100

<400> 30  
atgtactgcc ctccgctgaa cggccccagc tcttccggag agagaacgag gcaccggca 60

acgtccgaga acaccccggtt ttcccacttc ggatcgcccg gcactctcag cggcacagct	120
tccggactgtg aacgatcaact gaacacgttc gccgcttgcc aacctgccgc aaccagacaca	180
aacacgagca cgagggcacc cacacccagc gcaacgcctt ttcctttgga catttccgaa	240
cctttcgagg ggcgacgatc agcgatcaga gagaagcgac ggccgcttgcc gaaaaccaca	300
tgcccgaaacc actgcgcgaa acccagaaac cggcaatcat ctccggagaac tccaccggcc	360
ccgcaacatc cggttccatc acgtccggaa ccgtcacggt cacgattgcc ttgttgctg	420
atgccccgtc gacccgaatg cagtcgatcg accacacccgg cgtgccgtcc ttctgtttct	480
ggaactgctc agagttcggg tcttccgggt cttttctga	519

<210> 31  
<211> 564  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3339bp to 3902bp pRET1100

atgtccaaag gaaaaggcgt tgcgcgtgggt gtgggtgccc tcgtgcttgt gtttgtgtcgt	60
gttgcggcag gttggcaagc ggcgaacgtg ttcaagtgtc gttcacagtc cgaagctgtg	120
ccgctgagag tgccggccga tccgaagtgg gaaaacgggg tttctcgga cgttgcggg	180
tgcctcggtc tctctccgga agagctgggg ccgttcagcg gagggcagta catcgacata	240
gtgagggccag ttgagccgga gaggttggag cgcgactggg tgaggtcggc tgagtgcgtt	300
tcggcgtcga tgaatgtctc tgacctgtt gtttctgctc ttccagagtc caccgcgtccc	360
cccgccgatt tcgittcggtc gtggaaagtgc gcgagtgtat attactgcta tgaggggtat	420
aacccgcaag gctgcacttc tcgttatgcgc gtttgggtct ctgaaaaaaaa ctgggtgtc	480
acagaacccg tactcgatcc gctcggttgtc cgctgtgagg tctttcctgc aaggcaaatc	540
gttgcggcgg aaggggtttc gtga	564

<210> 32  
<211> 255  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3648bp to 3902bp pRET1100

atgaatgtct ctgacactgtt ggtttctgtt cttccagagt ccacccgtcc ccccgccgat	60
ttcggtcggtt cgtggaaagt ggcgagtgtat gattactgtt atgaggggtga taacccgcaa	120
ggctgcactt ctcgttatgcc ggtttgggtc tctgaaaaaaaa actgggtgtc cacagaaccc	180
gtactcgatc cgctcggttcg tgcgtgttag gtccttcctg caaggcaaat cggtgtccg	240
gaaggggttt cgtga	255

<210> 33  
<211> 669  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 4366bp to 5034bp pRET1100

<400> 33  
atgggcaccc caccccaag taaccgctgg tgcgtggat atttcggcgg tggtctcg 60  
agcggggaga agcggcacag cgaggccggc ccggtagaaa tcatctttt gatgtggca 120  
gtcaggggogg gggactacat cgtcggcgtg actgcggttc tgcgggtcgg gttcttcgc 180  
gtcgcgggttg agggtttctg gttctggtc gtcgcagtca tgcgtgcacc ggcgttgtgg 240  
tttctgcgcg actggaaatc gaagcggagg gccgtacggg tctttaacg ggcattggaa 300  
gggacacctg aatccccgg tattgtctc tccctggcc tgcgaacgt ggcggggct 360  
ctgcccgggt tgaggaagtt tgaaactggt tcggggatac gcacactcgt gtttcttg 420  
ccgccccggag tcactgcccga gagcttgag aaagttcgcc ctgcgtggc agacgcgt 480  
gggggtcacc gctccaagt agagaaggta gccccggac aggtccgcgt cagagtatt 540  
gatgaggatt cgatgaagac gccgcgtgat gcgggatggg cggaaatgt tgcgtggaa 600  
gaggatacgt tcgacggtct tccggcgag acgcgtcct gttcgagca agagggccg 660  
gcatcatga 669

<210> 34  
<211> 558  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 4477bp to 5034bp pRET1100

<400> 34  
atgctggcag tcagggcggg ggactacatc gtgcgggtga ctgcgggtct cgcgggtcgg 60  
ttcttcggcgg tcgcgggtga gggtttctgg ttctggtcg tgcgtgtcat cgctgcaccc 120  
gcgtgggtt ttctgcgcga ctggaaatcg aagcggagg ccgtacgggt ctgttgcacgg 180  
gcgttgcacgg ggacacctga atccccgggtt attgtctctc cccttggcc tgcgtgtcat 240  
gggggtctc tgccgagggtt gaggaagttt gaaaactgggtt cggggatacg cacactcg 300  
ttttcttgc cggccggagt cactgcccag agcttgcgaa aagttcgccc tgcgtggca 360  
gacgcgtatgg ggggtcaccg ctgccaagta gagaagggtt ccccccggaca ggtccgcgtc 420  
agagtgtattt atgaggattt gatgaagacg ccgcgtatgg cgggatgggc gaaagatgtt 480  
gtgcgtggaaag aggatacgtt cgacgggtt ccgggcgaga cgcgtatcctg gttcgagcaa 540  
gagggggccgg catcatga 558

<210> 35  
<211> 791  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 2410bp to 3200bp pRET1100

<400> 35

acgcgcggaa	cgccttcgg	cttgcgttt	tgctggatgg	cgggtttgg	goggcttctg	60
gtgatgcgt	gctgcgtcc	gtggggagag	agacccaacg	actgacctat	ctctaccag	120
gtgcaattca	tctcccgcc	tctgcggct	aggtaaacga	ggtgcctccg	cgcgagctt	180
tccatgttgt	cggccaatgt	cagctggc	aggacaacct	gctgttgtt	cgatagg	240
gtccgcacgg	gtcgattgtc	ttctgttgcg	gcataacgg	tttcgtcg	cgcgagagt	300
gcggctaaat	gaattgcac	ctcgattgag	cggagcattt	cgacgcggaa	cctggcgatg	360
atgttgtctc	tgtctcatt	cataactgaa	gcgtattggg	agtgttgccc	tcccaccatg	420
tgtgccaatg	cagggtgaa	ctgagtcaca	gtttctcaat	agactccaag	tttgtatcc	480
ttttactccc	aaaatggggc	atgatgtgt	cgtgcctcg	ttcagggcgc	aaagttcgac	540
acctcgaaag	aaggcctcg	catggctt	aaagctgctg	gcaacgtgat	tcctgattcc	600
tccgcgtacg	agtacccggc	ggttcagg	gagccgaaga	tggtcagaaa	agacccggaa	660
gaccgcgaaact	ctgagcgtt	ccagaagcag	aggacggca	cgcgggtgt	gtcgatcgac	720
tgcattcggg	tcgaccggc	atcaggcaac	aggcaatcg	tgaccgtgac	ggttccggac	780
gtgatggAAC	c					791

<210> 36  
<211> 501  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 1000bp to 1500bp pRET1100

cttgcattacat	ctgccacaac	tgtccgtaa	tctctgc	ctcctgaaac	cgctggtc	60
ggccttgcgg	aatccgtac	cgctgtat	ttttgtctc	attcgttccc	ccgcgt	120
gatgtacgcg	gcccagctgc	ttccttccag	tccgtggcta	actggatgg	gcgtgagg	180
ccgaggccgc	gttgcgtgt	cgcgcctggc	gttgcgcgt	tggagg	tttgatctcgca	240
cgcgcgcaac	gaacggctga	acgtgcgtat	ctggctgc	gggcgcgg	ggatatggc	300
gctgccaggc	ataactcgcc	gtacgactc	gacgtggac	atgaagagtt	ggcggaaact	360
gtttctctgc	aaggcctcg	ggacgacgac	attggggct	ggtgcg	gaggaaata	420
gtgggcgtgt	ctgcgtt	tccgtcacgg	atgatctgc	aatggcaga	actcgactgg	480
gctccatga	tggatttgcc	g				501

<210> 37  
<211> 945  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 5000bp to 500bp pRET1100

gatcctgggt	cgagcaagag	ggccggcat	catgagaaaa	tccggggag	tatctcgat	60
tcctatccgt	ctcgggcgt	ctcagtgacgg	ggaagacgtt	ggattcgatc	tccgtcg	120
cgcgcgtcac	atcggcatgc	aggcaaaac	cgcgtccgc	aaaagtccagg	cgacgtacaa	180

cgtgttagct caggcagcag cgaacgcggc gttcgagtc gtagggtccg acccgacaca	240
cgtactcctg gagcccttca aacatcgagg ggtgtccgag cttacgtgg ttccggact	300
gaatgcgcag gccacggtgg acatgctgg ctgggtcaag cgtgagtctg atcgtcgcat	360
cgaccagatg tggccctgc gtacccgacaa gtttccgag ttccggctt cgttcccgct	420
gatactcgta gtcgtcgaa agtttcccg gatcctcgag gggcagcgg acgaagacgc	480
cgcgtaggc cggaaacccctg ccgagcgtct cgcacccgc attcggcct acgtcgctca	540
gatagcagcg cagtcggcaa aggctggaat tcgcctctc ctgtctcg aacgagcgg	600
ggcctcgatc attggcggca atgcgcgttc gaatttccgg gtcaagatga ctctgagggt	660
ggacgaaccg gagtccgtga gaatgttca tccgagcgct tcccccggaa actgtgccct	720
ggtcgagacc ttcaaggctg gtacccgtt tttcgagaag ccaggagaag gccggcagat	780
tatgcgtatgc gactttgtcg gcgagttacgg gagatatgcg cgagccatcg agtcttcgga	840
tctgcgtttt ctcggcaccc tccagcaaga ccaggccaa cgcgaattct tcgctgagga	900
gttcgggtgtg gtggatccgt catgactgga ccacaggaga gaaag	945

<210> 38  
 <211> 939  
 <212> DNA  
 <213> Rhodococcus rhodnii  
  
 <220>  
 <221> misc\_feature  
 <223> 3350bp to 2412bp pRET1000

<400> 38	
atggttcggt tggaagagca cacaggcggc gcctggaaac agctgtggct accgctgtgg	60
ccactggcaa ccgacgattt cctcgacggc gtctaccggta tgcggcgatc agacgcactg	120
gatcgccgtt acatcgatgc gaacccgcag gcattgagca acctgctcgat cgtggacgtt	180
gaccacccgg acgccccgcgtt gggggcgctg tggccggccg ggaatcatcc tctggcgaaac	240
gcatcgatgg agaaccggccg taacgggcac gcacacgctg tgtggcgctt ggcagagccg	300
ttcacccgca ccgagttacgc ccgtcgtaag ccgtcgctt atgcggccgc cgtcaccgaa	360
ggcctccggc ggcgttcca gggggacaag ggctattcgg gctgtatgac caagaacccg	420
actcacggtg actgggacac ccattggctg cacaccgagc ggcatccctt cgccgagctc	480
gaggcggaaac tggcatcca catggccca acgcgtggc ggcaaacccg atgcggcgat	540
gagaacccga tggccctcgcc gggaaactgc gcccgttccg aaaccgcacg cacctggcc	600
taccggcggaaa tccgttcca ctggggcgac ccgaccggcc tggggccgc gatctatgc	660
gaagccgcac agatcaacgc caatttcagg aaccgggtca caggcaggcc cgatccactg	720
ccagcaagcg agtacgcgc cgtcgccgc tccattaccc gctggatcac tacaaagtcc	780
cgatgtggg ccgacggccc tgcgtgttac gaggccacat tcatcgccat acaagccca	840
cgcggtcgca agatgagtga gaagaagcgc gaggcaaacc gaaacgcgc gacgaaggc	900
gaccggaaacg catttggga ggcagaccgt gggcgctga	939

<210> 39  
 <211> 840  
 <212> DNA

<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 3251bp to 2412bp pRET1000

<400> 39

atgcggcgat cagacgcact ggatgccgc tacatcgagt cgaacccgca ggcattgagc	60
aacctgctcg tcgtggacgt tgaccacccg gacgcccgcg tgcgggcgt gtccggcc	120
ggaaatcatc ctctgcgaa cgcatcggt gagaacccc gtaacggca cgcacacgt	180
gtgtggcgc tggcagagcc gttcacccgc accgagtgcc cccgtcgtaa gcccgtcgcc	240
tatgcccccg ccgtcaccga aggccctccgg cgccgtcc agggggacaa gggctattcg	300
ggcctgatga ccaagaaccc gactcacggt gactgggaca cccattggct gcacaccgag	360
cggcgatccc tcgcccggact cgaggcgaa ctccgcattcc acatgccccc aacgcgttgc	420
cggcaaaccc gatcgccgc tgagaacccg atccgcctcg gccgaaactg cggccgttgc	480
gaaaccgcac gcacctgggc ctaccgcgaa atccgcattcc actggggcga cccgaccggc	540
ctcggggccg cgatctatgc ggaagccgcgca cagatcaacg ccacgttcag gaaccgggtc	600
acaggcaggc ccgttccact gccagcaagc gagctacgcg ccgtcgccgc ctccattacc	660
cgctggatca ctacaaagtc cggatgtgg gccgacggcc ctgtgtcta cgaggccaca	720
ttcatgcaca tacaaggccgc acgcggtcgc aagatgatgtg agaagaagcg cgaggcaaac	780
cggaaacgag cgacgaaggt cgacggaaac gcattgtggg aggcagaccc tggcgctga	840

<210> 40

<211> 534

<212> DNA

<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 2945bp to 2412bp pRET1000

<400> 40

atgaccaaga acccgactca cggtaactgg gacacccatt ggctgcacac cgagcggcga	60
tccctcgccg agctcgaggc ggaactcggc atccacatgc cgccaaacgcg ctggcgccaa	120
accgatcgccg cccgtgagaa cccgatcgcc ctccgcgaa actgcccct gttcgaaaacc	180
gcacgcaccc gggcttccgcg cggaaatccgc ttccactggg gcgacccgac cggccgtgg	240
gccgogatct atgcggaaagc cgacagatc aacgccaatgc tcaagaaaccc ggtcacaggc	300
aggcccgatc cactgcccgc aagcgagata cgccgtcgcc cggccctccat taccgcgttgc	360
atcaactacaa agtccccgtat gtggccgac ggccctgtcg tctacgaggc cacattcatc	420
gccatacaag cccgacgcgg tcgcaagatg agtggaaaga agcgccggc aaaccggaaa	480
cgagcgacga aggtcgaccg gaacgcattt tggggaggcag accgtggccg ctga	534

<210> 41

<211> 438

<212> DNA

<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 2849bp to 2412bp pRET1000

<400> 41  
atgccgcca a cgcgtggcg gcaaaccgga tcgcgcgtg agaaccgat cgccctcgcc 60  
cgaaactgcg ccctttcga aaccgcacgc acctggcct accgcgaaat ccgttccac 120  
tggggcgacc cgaccggcct cggggccgog atctatgcgg aagccgcaca gatcaacgcc 180  
acgttcagga acccggtcac aggaggccc gatccactgc cagcaagcga gctacgcgc 240  
gtcgccgcct ccattaccgg ctggatcaact acaaagtccc ggatgtggc cgacggccct 300  
gctgtctacg aggccacatt catgccata caagccgcac gcggtcgcaa gatgagttag 360  
aagaagcgcg aggcaaaccg gaaacgagcg acgaaggtagc accggAACgc attgtggag 420  
gcagaccgtg ggcgtga 438

<210> 42  
<211> 207  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2365bp to 2159bp pRET1000

<400> 42  
atggggcct ccacgcgcac gatccagcgc atcatggccg agccgcggga ccagttctc 60  
gcacgggcag ccgagaaccg tcgcccccc gtcgagctgc gcgagcaggg cctgaagtac 120  
cgcgagatcg ccgaggagat gggaaatctcc accggAACgg tggaaagct cctgcacgac 180  
gcacgcaagt acgcggtcag ctccatg 207

<210> 43  
<211> 174  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2332bp to 2159bp pRET1000

<400> 43  
atggccgagc cgccggacca gttcctcgca cgggcagccg agaaccgtcg ccggggccgtc 60  
gagctgcgcg agcaggccct gaagtaccgc gagatgcgcg aggagatggg aatctccacc 120  
ggaacggtgg gaaagctcct gcacgacgca cgcaagtacg cggtagtgc ctag 174

<210> 44  
<211> 330  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 3197bp to 3526bp pRET1000

<400> 44  
atgcctggc gttcgactcg atgtacggc gatccagtgc gtctgatgc cgcacccgt 60  
agacgcgcgc gaggaaatcg tcgttgcca gtggccacag cggtagccac agctgttccc 120  
aggcgccgccc tgtgtctct tccacccaa ccatgggaa cacactcaca cacaagatcg 180

atttattccg gtacgacacg ccagccaagt cagatgttc ggtttctgga gcggtcctcc 240  
agaccttga gatccgcgtcc agaaacgtcc acaaattatt ggggtacgtc gaaccaagcc 300  
ttatcaggta tccccgggtt cccgggggtga 330

<210> 45  
<211> 357  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4035bp to 3679bp pRET1000

<400> 45  
atgggggtt tattgttgt tgctcggtt ggcgtggcga tggtggccgg tgtggtotta 60  
ccgcgcggg atcgtctcg gccggcacca ggatttccct ggttctgggt ggtgttccca 120  
tccacgtgca ttgcacatcg tcggcggtt ggtgtttcg ctggcccca agcgggttacc 180  
ggcacgggaa gctactggtg ggatccgccc agcgcgagct caccgaccct gcagttccctg 240  
tcaaaacgagc agtaccggcg cctcgtgaca ctgcgcgggt tgcagggggc gctaccgggt 300  
gtgtccctcg tggaaagcgg atttgtgcgtg tgggcctggc gtgcacgccc cttctga 357

<210> 46  
<211> 318  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 3996bp to 3679bp pRET1000

<400> 46  
atgtggccg gtgttgttcc accgcgcggg atcgtctcg ggccggcacc aggatttccc 60  
tggttctggg tggtgttccc atccacgtc attgcacatcg ctggcggtt ggtgttcc 120  
gttggccccc aagcggttac cggcacgggg agctactggt ggatccgccc cagcgcgagc 180  
tcaccgaccc tgcagttctt gtcaaacgag cagtacggc gcctcgtgac actgcgcgg 240  
ttgcaggggg cgctaccgggt ggtgtccctc gtggaaagcg gattgtgcgt gtggcctgg 300  
cgtcgacgccc gcttctga 318

<210> 47  
<211> 450  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4381bp to 4830bp pRET1000

<400> 47  
atggccgctg acgctgcata tgacgaccgg cggaccgagg tccgcgcgc tgcttcggg 60  
ggcgctgacg cggcccccggc gaagcgccacc cgcaccgtgg cggtgccgtt gaccgatggg 120  
gaggaggccg cgtggatcga cgcgcgcgtt gccgatggcc accggcagct cggggcggtt 180  
gtgcgtgagc gggcggtggc cggctatctc ggaaagggtcc gcccgaagac cggcagtgg 240  
atgtcgccgg aggccgcgcg cggatgcggc gcatgcggc agcagatgac gaagggtgggg 300

aacaacctga accagatcgc gagggcgatc aacgcgggc aggtgccgtc gcagatgcc 360  
gagtccctgc agaagggtg gctggagagg tggggcagg agttggggcg gatggcgat 420  
cggtcgacg cgctcgacga ccagggctga 450

<210> 48  
<211> 210  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4621bp to 4830bp pRET1000

<400> 48  
atgtcgccgg aggccgcgc ggaggtcgcc gcgtgcggc agcagatgac gaaggtgggg 60  
aacaacctga accagatcgc gagggcgatc aacgcgggc aggtgccgtc gcagatgcc 120  
gagtccctgc agaagggtg gctggagagg tggggcagg agttggggcg gatggcgat 180  
cggtcgacg cgctcgacga ccagggctga 210

<210> 49  
<211> 177  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4654bp to 4830bp pRET1000

<400> 49  
atgcggcagc agatgacgaa ggtgggaac aacctgaacc agatcgcgag ggcgatcaac 60  
gccggcagg tgccgtcgca gatggccgag tccctgcaga aggggtggct ggagaggtgg 120  
ggcaggagt tggggcggat ggccgatcgg ctcgacgcgc tcgacgacca gggctga 177

<210> 50  
<211> 165  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4666bp to 4830bp pRET1000

<400> 50  
atgacgaagg tgggaacaa cctgaaccag atcgcgaggg cgatcaacgc cggcaggtg 60  
ccgtcgaga tggccgagtc cctgcagaag gggtggctgg agaggtgggg gcaggagttg 120  
ggcggatgg cggatggct cgacgcgc gacgaccagg gctga 165

<210> 51  
<211> 453  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 5161bp to 4709bp pRET1000

<400> 51  
atgactctcg aagccatcc gtcggcgac cgtctgcgcg atgtccgcga actcggtatc 60  
ggtcaggccgc cgatccccgg ggcgcacccg cagcggccaa tgccacacccg gcttaccac 120  
ccgcgcgttc gtcggcgccg cccgctcgaa gtccgcggcc caccgggtcg gtttttggc 180  
ggtgacctgc accgatccccg cgatcacccgt cccgcggca atcagccggc ccgcctcggt 240  
gcccgttagctg tgcgggtgg cttcccccgg cccgtgcaga tacggccca acccattcgg 300  
gtcgctgccc gtgcgtatct tcggatcac gtcagccctg gtgcgtcgagc gcgtcgagcc 360  
gatccgcctat cccgcggccaa tcctgcggcc acctctccag ccaccccttc tgcaggact 420  
cggccatctg cgacggcacc tgccggcgat tga 453

<210> 52  
<211> 354  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 5062bp to 4709bp pRET1000

<400> 52  
atgccacacc ggcttaccca cccgcgcgtt cgtcgccggcg gcccgtcgaa agtccgcggcc 60  
ccaccgggtc gggtttttgg cgggtacccgt caccgtatccc gcatcccg tccgcggc 120  
aatcagccgg cccgcctcggt tgccgttagct gtgcgggtgg gcttcccccgg gcccgtgcag 180  
atacgccgccc aacccttccgt ggtcgctgccc cgtctgtatc ttgcgtatca cgtcagccct 240  
ggtcgtcgag cgcgtcgagc cgatccgcata tccgcggccaa ctccgtccccc cacctctcca 300  
gccacccctt ctgcaggac tggccatct ggcacggcac ctgcggcgat ttga 354

<210> 53  
<211> 288  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2331bp to 2618bp pRET1000

<400> 53  
atgatgcgtt ggatcggtcg cgtggaggcc cccatcttct cggccagctc gcgagctgtc 60  
tgcttgcggc ggatcggtcg ttcaagcgccc acggatgtcc tccacaatg cgttccgggtc 120  
gaccttcgtc gtcgtttcc ggtttccgtc ggcgttcttc tcaactatct tgcgaccgc 180  
tgccggcttgt atggcgatga atgtggcctc gtagacagca gggccgtcgcc cccacatccg 240  
ggactttgtatgtatccaggc gggtaatggaa ggcgcgcacg ggcgttag 288

<210> 54  
<211> 285  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2334bp to 2618bp pRET1000

<400> 54  
atgcgcgtgga tcgtgcgcgt ggaggcccccc atcttctcgcc ccaagtcgcg agctgtctgc 60  
ttggcggcggaa tcggtcgttc agcgcggccacg gtctgcctcc cacaatgcgt tccggtcgac 120  
cttcgtcgct cgttccgggt ttgcctcgcc ctcttctca ctcatcttc gaccgcgtgc 180  
ggcttgatgt gcgatgaatg tggcctcgta gacagcaggcc ccgtcgccccc acatccggaa 240  
ctttgtatgt atccagcggg taatggaggc cgccgacggcg cgttag 285

<210> 55.  
<211> 336  
<212> DNA  
<213> Rhodococcus rhodni i

<220>  
<221> misc\_feature  
<223> 2907bp to 3242bp pRET1000

<400> 55  
atgggtgtcc cagtaccgt gagtcgggtt cttggtcata aggcccgaat agcccttgc 60  
ccccctggacg gcgcgcggaa ggcottcggt gacggcggcc gcataggcga gccggcttacg 120  
acgggggtac tcggtgccggg tgaacggcgc tgccagcgcc cacacagcgt gtgcgtgcc 180  
gttacggggg ttctccacga tcgcgttcgg cagaggatga ttcccgcccg ccgacagcgc 240  
ccgcagcgcg ggtccgggtt ggtcaacgtc cacaacggc aggttgctca atgcctgcgg 300  
gttcgactcg atgtacggc gatccagtgc gtctga 336

<210> 56  
<211> 513  
<212> DNA  
<213> Rhodococcus rhodni i

<220>  
<221> misc\_feature  
<223> 1650bp to 2162bp pRET1000

<400> 56  
atgcggattt aactagttaa tttggggaaat gatgacactga tgaccgggaa tcgtgaccta 60  
cccatgtga ccatgcgcga ggccgtggac ggcacgcaga ccagtggagag cacgatcaag 120  
cgccgcctgc ggtccggcgc gttcccgaaac gccgtccgca ctggccgacgg gaagtggatg 180  
attccccctcg gtgacactatc agccggcagggtt ctgagaccag gaaaaatggc gaaacctgac 240  
ccgggtgaccc cttccaaatga ccgggtccgtt gacctggcag ctgagaacgc cgagctccgt 300  
cagcgcctgg ccgtggccga agccctggcc agcgaacgc atcggatcat cgacgtgcag 360  
caacagatgc tccggatgtt cgaagcccgcc ccgggtgtccg ccctggagcc cgcggccgg 420  
ccagtgccgg gtccggccgc gcccgtcccg gcccggatgt gtcggcagc tacggggcc 480  
ctggcccgga tacgtcgacg gtttctcgcc tag 513

<210> 57  
<211> 474  
<212> DNA  
<213> Rhodococcus rhodni i

<220>  
<221> misc\_feature  
<223> 1689bp to 2162bp pRET1000

<400> 57  
atgaccgggg atcgtgacct acccatgctg accatgccg aggccgtgga cgcgacgcag 60  
accagtgaga gcacgatcaa gcgccgcctg cggtccggcg cgttcccggaa cgcggccgc 120  
actgccgacg ggaagtggat gattccccctc ggtgacctat cagccggcagg gctgagacca 180  
gggaaaatgg cggaaacctga cccggtgacc cttcaaatg accgggtccg tgacctggca 240  
gctgagaacg ccgagctccg tcagccgcctg gccgtggccg aagccctggc cagcgaacgc 300  
aatcggatca tcgacgtgca gcaacagatg ctccggatgc tcgaagcccg gccggtgtcg 360  
gccctggagc ccgcggccgt tccagtggcg ggtccggccgc cggccgtccc ggccggccat 420  
ggtcgggacg ctacgggcgc cctggcccg atacgtcgac ggcttctcg 474  
ctag

<210> 58  
<211> 450  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1713bp to 2162bp pRET1000

<400> 58  
atgctgacca tcgcccgggc ggtggacgcg acgcagacca gtgagagcac gatcaagcgc 60  
cgccctgggtt cggccgcgtt cccgaacgcg gtccgcactg ccgcacgggaa gtggatgatt 120  
ccccctcggtg acctatcagc ggcagggtcg agaccaggga aaatggcgaa acctgacccg 180  
gtgaccctt caaatgacccg ggtccgtgac ctggcagctg agaacgcgc gctccgtcag 240  
cgccctggccg tggccgaagc cctggccagc gaacgcatac ggatcatcg 300  
cgtgcagccaa cagatgtcc ggatgctcg 360  
agcccgcccg gtgtcgcccg tggagccgcg ggcgggttcca 420  
gtggcgggtc ccgcggccgc cgtccggcc gcgcgtggc gggcagctac gggccgcctg  
gcccggatac gtgcacggct tctcggttag 450

<210> 59  
<211> 336  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1827bp to 2162bp pRET1000

<400> 59  
atgattcccc tcgggtgacct atcagcggca gggctgagac cagggaaaat ggcgaaacct 60  
gaccgggtga ccccttcaaa tgaccgggtc cgtgacctgg cagctgagaa cggccggatc 120  
cgtcagcgcc tggccgtggc cgaagccctg gccagcgaac gcaatcgat catcgacgt 180  
cagcaacaga tgctccggat gctcgaaagcc cggccgggtgt cggccctggaa gcccggccgc 240  
gttccagttgg cgggtccggcc gccggccgtc cccggccgcg atggtcgggc agctacggc 300  
ggccctggccc ggatacgtcg acggcttctc ggctag 336

<210> 60  
<211> 288  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1875bp to 2162bp pRET1000

<400> 60  
atggcggaaac ctgaccgggt gacccttca aatgaccggg tccgtgacct ggcagctgag 60  
aacggccgagc tccgtcagcg cctggccgtg gccgaagccc tggccagcga acgcaatcg 120  
atcatcgacg tgcagcaaca gatgctccgg atgctcgaag cccggccgtt gtcggccctg 180  
gagcccgccgg cggttccagt ggccgggtccg ccggccccc tcccgccgc ccatggtcgg 240  
gcagctacgg ggcggctggc ccggatacgt cgacggcttc tcggctag 288

<210> 61  
<211> 264  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1906bp to 2169bp pRET1000

<400> 61  
atgaccgggt ccgtgacactg gcagctgaga acggcgagct ccgtcagcgc ctggccgtgg 60  
ccgaaggccct ggccagcgaa cgcacatcgga tcacgtgcgt gcagcaacag atgctccgg 120  
tgctcgaagc ccggccgggtg tggccctgg agcccgccgc gggttccagt ggcgggtccgc 180  
ccggcccccgt cccggccgc gatggtcggg cagctacggg cgcctggcc cggatacgtc 240  
gacggcttct cggcttaggag ctga 264

<210> 62  
<211> 258  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 810bp to 553bp pRET1000

<400> 62  
atgtatggg aggtatgcac ctttcgcgc ttatgtacgc atcctggca ccctggcac 60  
gaccgacctt ctacgcgtcg atgggttct tggacatgct tcgcgcggcc tgcgtctgtt 120  
ccctacgctc cacgaaagcc ttctcgctct ctgctcacag tccattccg gattctcgac 180  
ctcggtcgcg gccgggtggc tgatccccg gggccgactg cggcatgggtt ggtccctggc 240  
ggcggggccgg gggtttga 258

<210> 63  
<211> 540  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 117bp to 656bp pRET1000

<400> 63  
atgggaggcc acccgacacc gctacgggac atgctcgccg cccaggagca ggcgggaag 60

ccgtggactc	cgaggcagaa	acgccagta	gcgaccgcaa	aagcccaagc	agaacgcgc	120
gcgaaggcoca	aggacgcgc	gaaatggacc	gaggtcgccc	gccccggcta	ccagcggac	180
gtgcgcggga	tgaacctgcg	actgtgggt	gctgaggacg	gcgcctggtc	gatcacctcg	240
aagaaggacc	ccgaccgcca	gtacgccc	gtcaggccg	acaccgtcg	gcaggccaa	300
gccgcggcca	cggccacacgc	aaaaacgcag	gcccaggcga	tgtggaaagca	gttccggcc	360
gacaagcgc	ccgagtca	caccagagcg	gtccggcg	tatcgccg	tctcaccc	420
accaaacc	ccgaggtcaa	accccccggcc	cgccgcccagg	gaccaaccat	gccgcagt	480
gccccgggt	atcagccacc	cgccgcgac	cgaggtcgag	aatccggaat	ggactgtga	540

<210> 64  
<211> 510  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 147bp to 656bp pRET1000

atgctcgccg	cccaggagca	gcgcggaa	ccgtggactc	cgaggcagaa	acgccagta	60
gcgaccgcaa	aagcccaagc	agaacgcgc	gcgaaggcca	aggacgcgc	gaaatggacc	120
gaggtcgccc	cgccggcta	ccagcggac	gtgcgcgg	tgaacctgcg	actgtgggt	180
gctgaggacg	gcgcctggc	gatcacctcg	aagaaggacc	ccgaccgcca	gtacgccc	240
gttcaggccg	acaccgtcg	gcaggccaa	gccgcggcc	cggccacacg	aaaaacgcag	300
gcccaggcga	tgtggaaagca	gttccggcc	gacaagcgc	ccgagtca	caccagagcg	360
gtccggcg	tatcgccg	tctcaccc	accaaacc	ccgaggtcaa	accccccggcc	420
cgccgcccagg	gaccaaccat	gccgcagt	gccccgggt	atcagccacc	cgccgcgac	480
cgaggtcgag	aatccggaat	ggactgtga				510

<210> 65  
<211> 351  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 306bp to 656bp pRET1000

atgaacctgc	gactgtgggt	ggctgaggac	ggccctgg	cgatcacctc	gaagaaggac	60
cccgaccgccc	agtacgcgc	aggtcaggcc	gacaccgtcg	cgcaggccca	agccgcggcc	120
acggccacag	cgaaaacgc	ggcccaggcg	atgtggaa	aggcccggc	cgacaagcgc	180
accgagtca	ccaccagagc	gttccggcgc	gtatcgccg	atctcaccc	caccaaaccc	240
gccgaggtca	aaccccccggc	ccggcccccag	ggaccaacca	tgccgcagt	ggcccccgggg	300
tatcagccac	cgccgcgcg	ccgaggtcg	aatccgga	tggactgt	a	351

<210> 66  
<211> 201  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 456bp to 656bp pRET1000

<400> 66  
atgttgaagc aggtccggc cgacaaggc accgagtcag ccaccagagc ggtccggcgc 60  
gtgatcgccg atctcacccc caccaaaaccc gccgaggta aaccccccggc cccggccag 120  
ggaccaacca tgccgcagtc ggccccggg tatcagccac cccggccgca cccgaggtcga 180  
aatccggaa tgggactgtg a 201

<210> 67  
<211> 1326  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 5144bp to 656bp pRET1000

<400> 67  
atgggccttcg agagtcatcc gtgggtggcg gtgcggcacg acgacgacca catccacctg 60  
gctgtctccc gggtcgattt tcagggcggt accttggaa aacggcaacga ccgggttggaaag 120  
gtcgtcgagg ttagtgcgcga ggtcgaaacgc ggcacggcc ttagtgcgagg ggcgagcccg 180  
gagcgggccc gtggccggca agccagcagc ggcgagcaac ggcgcgcgtt ggcgaccggc 240  
aagggtggcgc acggggacgg tctgaggaa atttgaccg ccggccgcga catcgccgca 300  
ggccagggtg tggggcggtt cgaagtggcg ctgcgtacaga acccgattac ccggatgtcg 360  
gtcggcgca acgtcgccaa gacggggcgg atgaatggct acagttcaa cctggccggc 420  
tacgtcgacg ccgcggggaa gccgatctgg ttggccggctt ccaaactcga ccgggttttg 480  
tcctggtcac agctggaaaa gacgctgacc agaccccgcc cggaccgcctt ccgcggcgag 540  
gagacgggtc cgcggaaagcg gtcgagcgc gccgcccgtt gggagcagcg ccgcggcgag 600  
gtcggcgccg acgagttcgc agtcgcccgc tgggagcagg cccgcgcgaat ttttgtgag 660  
acggccgggc ggtatccgcgc cgaacagtcc gcccgcacga agtggaaagca ggtgaacgag 720  
gcgttgcacca gccaagaccc ggcgaggag caggctgccg aggccgcgcg ggtcgctcc 780  
gtcgtcatgg gagggccaccc gacaccgtca cgggacatgc tcggccggccca ggagcagcgc 840  
ccggacccgt ggactccgga gcagaaacgc cagtacgcga ccgcggaaagc ccaagcagaa 900  
cgccgcgcga aggccaagga cgcgcgaaa tggaccgagg tcggccggcg cggctaccag 960  
cgggacgtgc cggggatgaa cctgcgactg tgggtggctt aggacggcgc ctggatgc 1020  
accttcgaaaggaggccg cccgcgtac gcccgcggc aggccgcacac cgtcgccgag 1080  
gcccacccgc cggccacggc cacagcgaaa acgcggccccc aggccgttgc gaagcaggc 1140  
ccggccgaca agcgcaccga gtcagccacc agagcggtcc ggcgcgttgc cggatctc 1200  
accccccacca aacccgcga ggtcaaaccc cccggccgc gccaggacc aaccatgcgc 1260  
cagtcggccc cgggttatca gccacccggc cgcgcaccgc gtcgagaatc cggaaatggga 1320  
ctgtga 1326

<210> 68

<211> 1194  
<212> DNA  
<213> Rhodococcus rhodni i

<220>  
<221> misc\_feature  
<223> 5276bp to 656bp pRET1000

<400> 68  
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<213> Rhodococcus rhodni i

<220>  
<221> misc\_feature  
<223> 5534bp to 656bp pRET1000

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<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 3355bp to 3507bp pRET1000

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<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4290bp to 4350bp pRET1000

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<210> 72  
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<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 3570bp to 3894bp pRET1000

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325

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<220>  
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<223> pRETT100 Full Length

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